



1135 South Lake Street • Montgomery, Illinois 60538
Engineering Inquiries (630) 301-6882
Inspections (630) 301-6811 • FAX (630) 897-6094

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Fox Metro Water Reclamation District Sanitary Sewer Installation Rules and Regulations

The Fox Metro Water Reclamation District has first jurisdiction in the tributary metropolitan sewer area as per Sewer Use Ordinance #859, and all discharges to the sanitary system will be controlled and monitored by the Fox Metro Water Reclamation District.

Bonding

1. To perform sanitary sewer service installation or repairs you must provide a twenty five thousand dollar (\$25,000.00) license & permit bond to "Fox Metro Water Reclamation District" (District), as the obligee. On this bond, it shall be indicated that the contractor performs work such as: "sanitary sewer excavation" or "sanitary sewer construction". The bonded contractor is required to install or repair according to District specifications (also refer to Standard Specifications for Water and Sewer Main Construction in Illinois and "77 Illinois Administrative code, part 890, Illinois Plumbing Code", latest edition).

Illegal discharges

2. Failure to comply with District Ordinances may result in penalties not to exceed three thousand dollars (\$3,000) for each violation. These fines may double with each occurrence by the same company, individual or contractor. The following represent some of the most common violations that are subject to fines as required by the Sewer Use Ordinance of the District:
 - a. Release of ground water, aggregates or mud into the public sewer system.
 - b. Mainline sewer construction without 48 hour notice
 - c. Construction of sanitary or water service or repair without inspection and/or license and permit bond.
 - d. Unsecured system (no plug per approved plans)
 - e. Construction using unapproved plans
 - f. Construction of sewers without required I.E.P.A. permit and District approval letter.

PLEASE PAY PARTICULAR ATTENTION TO THIS ITEM. UNDER NO CIRCUMSTANCES WILL FOX METRO ALLOW ANY AGGREGATES, MUD, CLAY OR GROUND WATER TO ENTER THE SANITARY SEWER SYSTEM. FAILURE TO COMPLY WILL RESULT IN MAXIMUM FINES, AS WELL AS POSSIBLE CLEANING AND TREATMENT COSTS. REPEAT OFFENDERS MAY BECOME SUBJECT TO HAVING THEIR BOND REVOKED AND DENIED FUTURE WORK IN FOX METRO'S SERVICE

AREA. CALL THE ENGINEERING DEPARTMENT AT (630) 301-6882 WITH QUESTIONS.

3. All new sanitary construction must be securely plugged per the approved plans. This plug must be maintained to prevent unnecessary flow or discharge into the existing sanitary system. This plug may only be removed after all construction drainage has been properly removed.
4. No ground water, run off, or surface water is allowed to enter any sanitary sewer system before, during or after any sanitary sewer service or mainline construction installation or repair. In addition, draining or pumping ground or surface water into any sanitary sewer system is strictly prohibited.
5. No aggregate, dirt, clay, debris, or foreign material is allowed to enter any sanitary sewer system. Any individual, contractor or company causing said material to enter an existing sanitary sewer system shall clean and remove this debris from the system at their expense, and under the supervision of the District and/or the governing municipality. Furthermore, should it be determined that this material caused a system surcharge or backup resulting in property loss or damage, this same responsible party, individual or company shall make proper restitution, restoration, clean up and disinfection as may be required for proper health and safety.
6. Footing tile, sump pumps, under floor drains, down spouts, yard drains or any other connections for draining ground water, run off, or surface water directly or indirectly into sanitary sewers are expressly prohibited and subject to fines and treatment costs.

Inspections

7. All sanitary building sewers, including new construction and repairs, shall be inspected by the District.
8. The District performs all water service inspections for the City of Aurora and Villages of Montgomery, Sugar Grove and North Aurora and shall consist of the following:
 - a. All domestic water connections shall be a minimum of one (1) inch in diameter and shall be Type K copper. All domestic water connections larger than two (2) inches in diameter may require D.I.P., as well as an inspection by a Professional Engineer representing the municipality in which the service is being constructed.
 - b. Each water service shall be in its own trench with ten (10) feet (minimum) of horizontal separation from the sanitary service or main, and be at a minimum

depth of five (5) feet. Where this is not possible, refer to the District's sewer and water separation detail and the Illinois Plumbing Code.

- c. Water shut-offs shall be placed outside of driveways, curbs, sidewalks, or any surfaced area.
 - d. Fire lines, usually made of D.I.P., shall not be inspected by the District.
9. The sanitary sewer contractors for all public sewer extension projects shall notify the District twenty-four (24) hours prior to the start of work. Notification shall be done via telephone at (630) 301-6882. For service connections, call twenty-four (24) hours in advance to schedule an inspection at (630) 301-6811 during the hours of 7:00 a.m. – 3:00 p.m.
10. Inspections scheduled on the same day will be charged a fifty dollar (\$50) fee. To avoid additional fees, a one hour notification is required if you are running late or wish to cancel an inspection.
11. A fifty (50) dollar fee will be charged for return inspections (not including multi-family), failed inspections, failure to cancel, or incomplete at appointed time. Holiday and weekend inspections are available at the discretion of the District and are subject to a minimum fee of \$150.00, which is due prior to the inspection. Please call 630-301-6811 during the hours of 7:00 a.m. – 3:00 p.m.
12. Exterior sanitary sewer repairs require a no charge repair permit. Schedule your inspection after you receive this permit. For after-hours emergency repairs, call 630-327-6811.
13. When calling for an inspection, a District permit number is required. An inspection cannot be scheduled without this number.

Construction

14. Full sized exterior cleanouts are required for all new building sewers.
15. Any building constructed with a basement shall have overhead building drains and sewers.
16. All construction, including bedding stone, fittings, pipe, chimney & manhole seals and testing must meet District specifications.
17. If any public water or sewer mainline is damaged or broken during excavation, you must notify the municipality having first jurisdiction immediately. Any broken or damaged municipal utility will require repair approval and inspection by that municipality. In addition, a repair permit and inspection by the District shall be required for any damaged water or sanitary service.

18. All sanitary sewer main construction must have an IEPA permit **and** plan approval letter on file with the District's engineering department prior to commencing with any construction. Please call our office at 630-301-6882 to verify that these items are on file.
19. A Final approved set of plans and specifications must be kept on the job site. Failure to comply with this provision may result in a fine and/or be considered cause to stop the job.
20. Any change from approved plans, specifications, or additions must be requested and become subject to approval by the District and governing municipality.
21. Where a new home is constructed on any lot where the building sewer is made of materials other than PVC, said service will be required to be removed and replaced to the public main or lined using only methods approved by the District.
22. The use of ductile or cast iron pipe is not allowed for the use of gravity sewers in the District. If D.I.P. or C.I.P. is proposed on your plans marked as "FOR CONSTRUCTION", please contact the District's engineering department at (630) 301-6882.
23. No solvent-welded joints shall be allowed outside of the foundation wall.
24. The District must be contacted to check the sewer main before any individual or company rods a building sewer. This only applies in "back up" situations to insure the main sewer is not surcharged.
25. Prior to core-drilling into any interceptor, the contractor shall call the District's Field Maintenance Department to verify the proper point at which to drill. Absolutely no "crown" connections are allowed. All new connections are to be located on the interceptor at a point or angle no higher than forty-five (45) degrees or 1/1 from the horizontal point of the existing sewer.
26. All sanitary sewers shall be tested in accordance with Section 31-1.11 of the "Standard Specifications for Water and Sewer Main Construction in Illinois". In addition, all manholes shall be vacuum tested (Manhole testing will be in accordance with ASTM-1244-93 or in accordance with the District's requirements). In case of testing specification conflict, where deeper manholes are constructed, the more stringent requirement will apply.
27. All existing sanitary interceptor (mains 15" in diameter or greater) manhole frames located within any proposed development will be required to be adjusted to grade. Under no circumstances may the amount of adjusting rings (two total) exceed eight (8) inches. Extreme care should be taken when working near all sanitary manholes.

28. Landscaping within any District easement is prohibited without review and subsequent plan approval by the District. It is vital for all Field Department personnel to be able to access the entire length of any interceptor easement for the purpose of maintaining the integrity of the sanitary sewer system or dealing with emergencies. Unless approved by the District, the easement shall be graded so that the ground surface does not exceed a six (6) percent gradient in any direction.

Questions relating to any District specification, rule or regulation, or those regarding a specific project, should be directed to either the engineering or field department at 630-301-6882.